

NEWS

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UNIVERSITY OF ILLINOIS

March 1967

FLASH On Saturday night, March 11, the ASAE Student Branch queen candidate was crowned QUEEN of the ST. PAT'S BALL. The young lady is lovely Miss Lois Gronewold of Gifford (see photograph). Although the Branch has had several runners-up in recent years, this is the first time the Agricultural Engineering candidate has been undisputed Queen.

This recognition was only part of the record of Agricultural Engineering participation in the 1967 Engineering Open House. Of a total of sixteen trophies for the College, Agricultural Engineering students walked away with four of them. In the Society Exhibits classification, *John C. Tunnell* of Washington placed third. In Research Exhibits, *Richard A. Rohlf* of Windsor placed second; *Robert E. Adams* of Tampico, third. In the Centennial Exhibits, *Keith H. Haselhorst* of Elmhurst placed second. For Engineering Open House, *Robert Adams* served as student chairman; *Richard D. Beyers* of Pana, vice-chairman; and *Professor Carroll J.W. Drablos*, faculty advisor. Two Agricultural Engineering seniors were knighted into the Order of St. Pat--*Leland Wolken* of Urbana and *Robert D. Carlson* of Lynn Center.

JOTTINGS

Earl Heacock of the Central Illinois Public Service Company in Springfield will retire on June 1. Although an E.E. Illini, Earl has worked very closely with the Agricultural Engineering Department during the past 15 years. Dean Everitt presented a Certificate of Merit award to Mr. Heacock at a recent annual meeting of the Illinois Farm Electrification Council.

Congratulations to the *Donald R. Daums* on the arrival of a baby daughter, Karen Lee, February 11. Don is an extension engineer at Pennsylvania State University.

Ram A. Rastogi has completed preliminary examinations for the Doctor of Philosophy Degree with a major in *Agricultural Engineering*. Mr. Rastogi is a former staff member at the UP Agricultural University in Pantnagar, India. His thesis will deal with a study of the effects of stream density, runoff supply rate, and durations on direct runoff hydrographs.

ALUMNI NEWS

Manu P. Naik, MS '63, is Chief of the Production Control Department for a paper mill plant and machinery manufacturer in Bombay, India. Immediately following his graduation, he had experience as a design engineer at Baker Bros. in Toledo, Ohio--a concern specializing in the manufacture of machine tools and hydraulic devices.

Lyle Martin '62, Project Engineer, Sundstrand Corporation, LaSalle, Illinois, is working toward a Master of Science Degree in Agricultural Engineering at the University of Illinois. Lyle finished the Rockford Engineering Certificate Program, General University Extension, and is completing requirements for the degree in residence this semester at the University.

Arden O. Weiss, '61 and '66, recently joined the McDonnell Corporation Automation Center at St. Louis where he will be working on evaluation studies of river basin projects. His home address: 150 Pompano, Florissant, Missouri. Arden was formerly employed in the Corporate Systems Department, Quaker Oats Company.

Kenneth L. Smith '63 (Ag. Mech.) has been discharged from the Navy. During his orientation back to civilian life, he will be at his home near Oregon, Illinois.

W. David Clark '62 (Ag. Mech.) has been a weapons director officer, U. S. Air Force until recently is not at his home near Chatham, Illinois.

Cletus E. Schertz '54, Assistant Professor, Department of Agricultural Engineering, University of California at Davis, recently visited the Department.

I. A. Eickmeyer '57 was recently promoted to Product Engineer at the International Harvester Farm Equipment Research and Engineering Center, Hinsdale, Illinois. In his new assignment, he will be in charge of engineering for two medium horsepower utility tractors to be produced at the Company's Louisville, Kentucky plant.

STAFF NEWS

Professor F. W. Andrew, '38 and '47, presented a paper "Dehydrofrigidation and Wet Corn Storage" at the 38th Annual Conference, Nebraska Grain and Feed Dealers Association, Omaha, Nebraska. He teamed with *Dr. G. C. Shove* to discuss the same subject along with harvesting, conditioning, and storing shelled corn at the Ninth University of Illinois Agricultural Industries Forum and at the Indiana Society of Farm Managers and Rural Appraisers Meeting held at Purdue--both in February.

Professor R. C. Hay was the speaker for the winter meeting of the Egyptian Chapter, Soil Conservation Society of America held at Southern Illinois University in January. His subject was "The Role of Land Improvement Contractors in Conservation."

J. Kent Mitchell presented a paper "Runoff and Conservation Structures" at the Tenth Anniversary meeting of the Illinois Land Improvement Contractors Association at Decatur, Illinois.

Dr. Roger R. Yoerger is teaching A.E. 311, "Instrumentation and Measurements" extramurally for the first time at Rockford, Illinois as part of the Graduate Study Program in Engineering. Twenty-five students are enrolled from a number of industries in the area.

Professor Wendell Bowers, '48 and '56, participated in a symposium on narrow-row crop production on March 7 and 8 at Schiller Park, Illinois. The meeting was sponsored by the Farm and Industrial Equipment Institute.

Hoyle B. Puckett has been appointed an Associate Professor of Agricultural Engineering. Although continuing as Investigations Leader, Farm Electrification, Agricultural Engineering Research Division, Agricultural Research Service, U. S. Department of Agriculture, he will contribute more directly to the graduate instructional program in the Department.

Dr. E. F. Olver is serving part-time as Assistant Dean in the College of Agriculture, preparatory to a two-year assignment in India. Dr. Olver and his family will be stationed at the J. Nehru Agricultural University, Jabalpur, M.P.

Dr. R. F. Espenschied '43 was recently promoted to the rank of Lieutenant Colonel and *Professor B. J. Butler*, '48 and '49, to Major in the U. S. Marine Corps Reserve. Both Espy and Jack have served as Commanding Officer, 80th Rifle Company, USMCR, Danville, Illinois.

Professor C. J. W. Drablos and *Professor R. C. Hay* participated in the recent Land Improvement Contractors Surveying Short Course offered at seven locations throughout the State. There were a total of 229 people in attendance. The course was jointly sponsored by the Soil Conservation Service, the Illinois Land Improvement Contractors Association, and the Cooperative Extension Service.

Dr. D. L. Day presented a talk on rotor aeration of swine waste at the University Swine Day on March 21.

Two February 1967 graduates, *Leland Wolken* and *Robert Carlson*, are serving as part-time research assistants in the Department and have graduate programs underway, looking toward an advanced degree.

DEPARTMENTAL ACTIVITIES

Twenty-one students in A.E.112 (Tractors and Field Machinery) visited the Caterpillar Plant in Peoria on March 8. They heard a presentation of the Public Affairs Services offered to Vo-Ag instructors by Caterpillar and observed the engine and crawler tractor assembly lines with their instructor *Dr. D. R. Hunt*.

A. E. 336 (Design of Agricultural Machinery, under the direction of Dr. D. R. Hunt) projects for the spring semester include: a self-propelled strawberry harvester (supported by the Agricultural Institute of St. Louis); a self-propelled mulch-layer-seeder (with support from the Kraft Paper Association); and a field balling machine (sponsored by the Illinois State Nurseryman's Association).

Thirty-three companies requested employment interviews with Agricultural Engineering students between February 1 and March 25.

A recent, direct-mail contact with high schools and county Extension workers resulted in a list of 380 prospective Agricultural Engineering students. These students will all receive a packet of information on Agricultural Engineering, including a copy of a recent *Agrineer*.

Several staff members participated in the Rural Fire Inspectors' Course, March 12-17, conducted by the University in cooperation with the National Association of Mutual Insurance Companies. Those participating included *Professor E. L. Hansen*, *Dr. J. O. Curtis*, *Dr. R. F. Espenschied*, *Dr. E. F. Olver*, and *Professor D. G. Jedeke*.

Under the provisions of the State Technical Services Act, approval has been received for an educationally oriented program for the farm equipment industry. Detailed planning is now in progress with *Professor Wendell Bowers* serving as project leader.

The Caterpillar Tractor Company has made a gift of \$5,000 to the Department to be used for research in soil dynamics. The goals of the research are to obtain a better understanding of soil-machine relationships and to improve the accuracy of using scale models for predicting the performance of prototypes. The work will be under the direction of *Professor Weber*.

Dr. Frank B. Lanham was elected vice-president and *Professor Harold H. Beaty* executive secretary of the Illinois Farm Electrification Council at their annual meeting on March 1. Others elected were *Dean Searls*, Adams Electrical Cooperative of Camp Point, chairman of the Board, and *Wayne Jones*, Illinois Power Company, president.

The Department team won first place in League 1, Faculty-Staff Basketball. Player-coach *Wayne Peterson* sports an overall average of 21 points per game. Presently, the team is gearing itself to compete in the playoff tournament.

GRADUATES

Robert Carlson and *Leland Wolken* are mentioned above. Other February graduates are: *Robert Culli* of Freeburg, Illinois Division of Waterways, Springfield; *Raymond Hauk* from Peoria, graduate study in Agricultural Engineering, Cornell University; *Joseph Pope* of Harvel, Allis Chalmers, Springfield; and *William Rudolphi* from Noble, Illinois Division of Highways, Springfield.

STUDENT ACTIVITIES

The ASAE Illinois Student Branch is sponsoring a regional student rally on the University of Illinois campus, April 13, 14, and 15. Tours, lectures, and a banquet will highlight the program. Students are likely to come from North and South Dakota, Wisconsin, Minnesota, Indiana, Michigan, Ohio, and Illinois.

The student staff banquet is scheduled for May 10 at the Redwood Inn in Rantoul.

AGRICULTURAL MECHANIZATION ACTIVITIES

February graduates were *Herbert Aden* of Royal, farming until military duty; *Charles Gaede* from West Salem, U.S. Marine Corps; *Dennis Mangers* of Aurora, U.S. Air Force; *Dale Meadors* from Champaign, gas and oil business; *Steve Mundy* of Poplar Grove; *Dean Roberts* from Pesotum, U.S. Army; *Donald Vincent* of Champaign, FS Services in Pike County; *Lany Woolever* from Greenup, Allis-Chalmers Service Engineer.

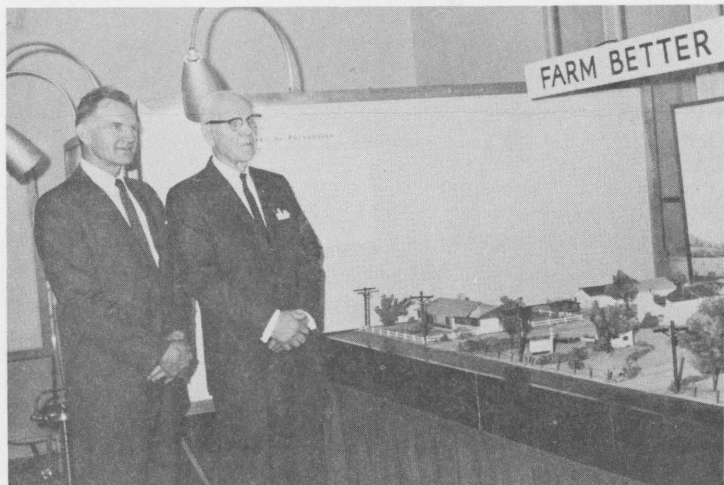
The Agricultural Mechanization Club had their annual tour on February 11. After breakfast at the Lanham's, 18 students, 7 graduate students, and a group of staff members toured the Honegger Research Farms in Forrest, A-and-W Tractor Products, Inc. at Colfax, and Flex-N-Gate, Inc. of Urbana. The Agricultural Mechanization Club is now looking forward to the spring banquet on April 13.



Miss Lois Gronewold of Gifford, Queen of the 1967 St. Pat's Ball--Sponsored by the Illinois Student Branch, American Society of Agricultural Engineers.



Our Engineering Open House Trophy Winners: Tunnell, Rohlf, Haselhorst, Adams (see test)



Professors Frank Andrew and E. W. Lehmann view the winning Centennial Exhibit, sponsored by the Illinois Student Branch of the American Society of Agricultural Engineers, at the recent Engineering Open House.